

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU013020\
 Data File : VU036617.D
 Acq On : 30 Jan 2020 14:25
 Operator : JC/MD
 Sample : L1303-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Jan 30 15:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 12:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	299507	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129165	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	94382	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.14%
7) Chloroethane-d5	1.93	69	86402	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.59	63	125896	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
21) 2-Butanone-d5	4.68	46	139213	104.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.55%
24) Chloroform-d	5.11	84	163676	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	5.75	65	108802	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
32) Benzene-d6	5.77	84	381842	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
36) 1,2-Dichloropropane-d6	6.73	67	121281	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.30%
41) Toluene-d8	7.93	98	362364	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%
43) trans-1,3-Dichloropropene-	8.21	79	57145	49.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.38%
47) 2-Hexanone-d5	8.67	63	128254	113.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.23%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	175819	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	133904	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%

Target Compounds

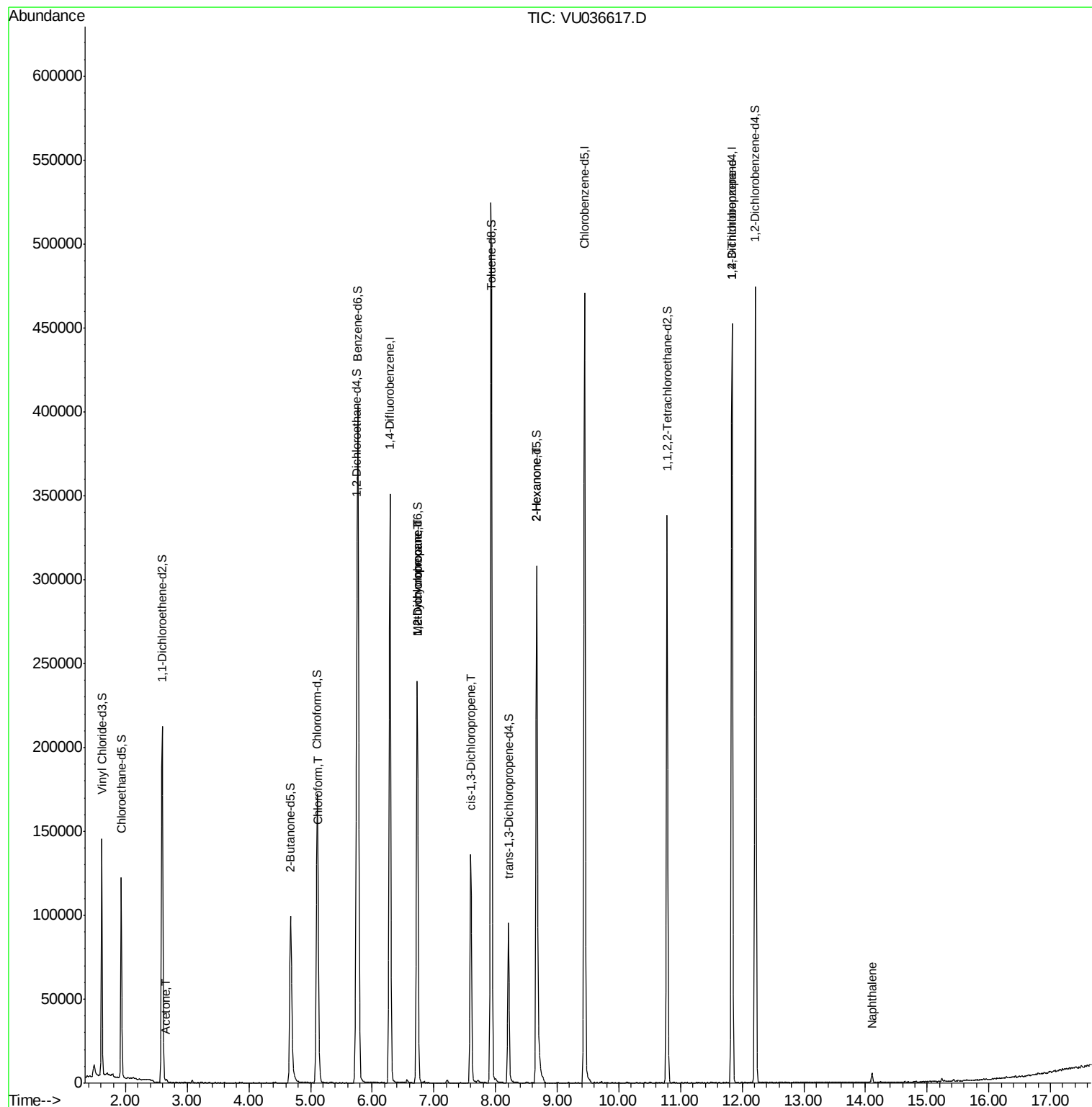
						Qvalue
13) Acetone	2.66	43	2308	1.79	ug/L	93
25) Chloroform	5.13	83	8422	2.30	ug/L	96
35) Methylcyclohexane	6.73	83	27346	7.65	ug/L #	22
37) 1,2-Dichloropropane	6.73	63	12374	5.84	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	3043	0.89	ug/L #	65
48) 2-Hexanone	8.67	43	11619	5.68	ug/L #	64
59) 1,2,3-Trichloropropane	11.83	75	14459	5.05	ug/L	91
69) Naphthalene	14.11	128	4918	0.79	ug/L	96

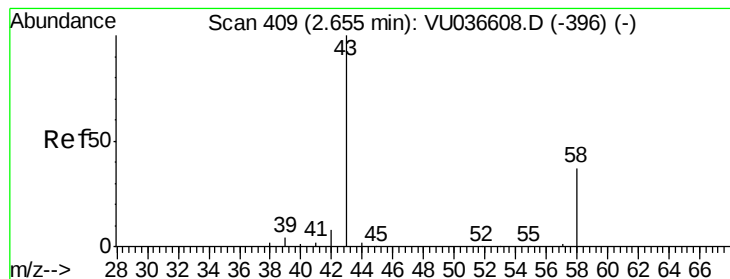
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 30 12:57:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.79 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036617.D

Acq: 30 Jan 2020 14:25

Instrument :

MSVOA_U

ClientSampleId :

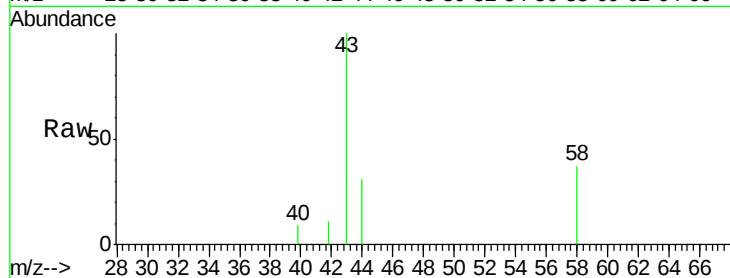
VHBLK02

Tgt Ion: 43 Resp: 2308

Ion Ratio Lower Upper

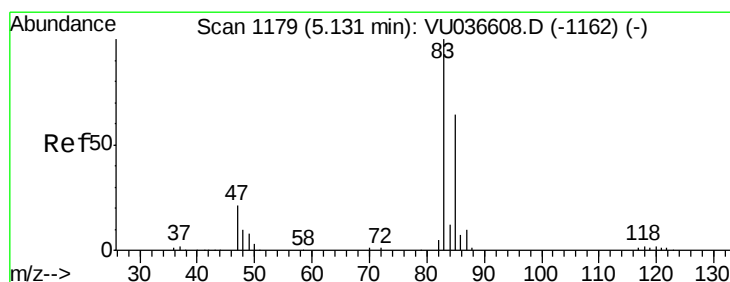
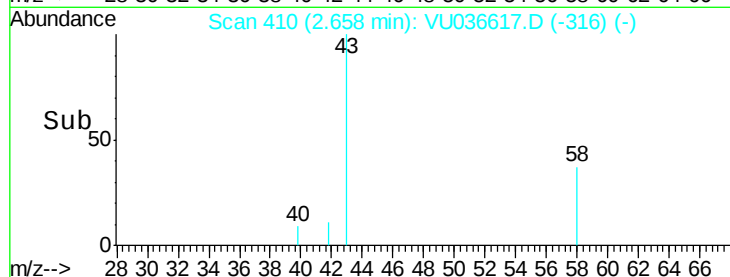
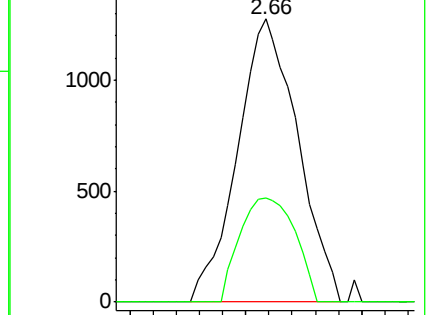
43 100

58 33.8 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036608.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU036608.D (-396) (-)



#25

Chloroform

Concen: 2.30 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU036617.D

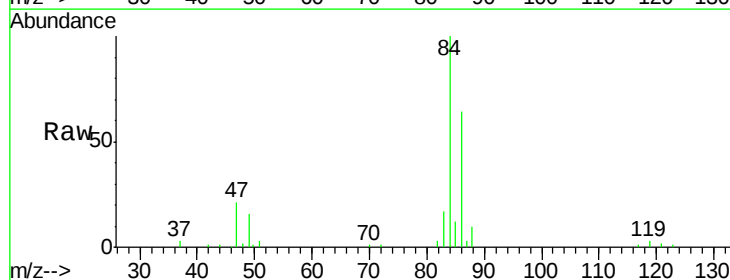
Acq: 30 Jan 2020 14:25

Tgt Ion: 83 Resp: 8422

Ion Ratio Lower Upper

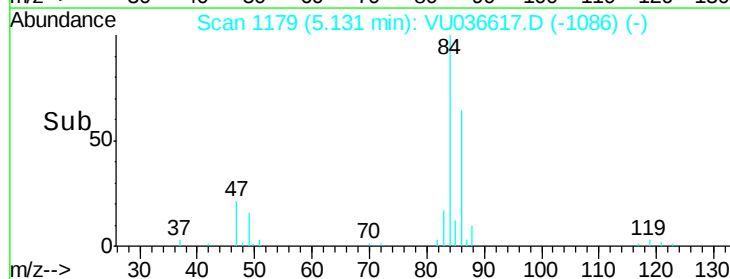
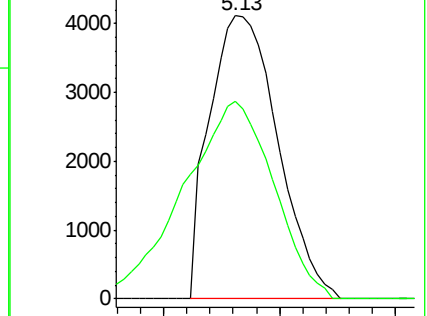
83 100

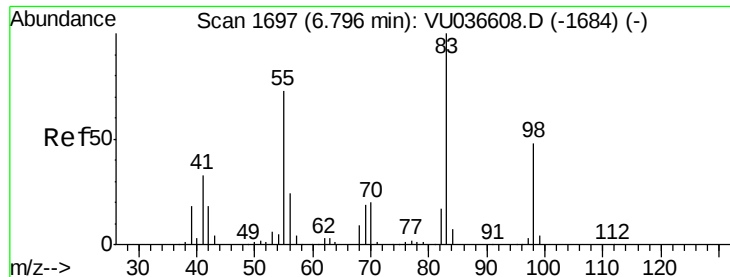
85 69.7 46.3 85.9



Abundance Ion 83.00 (82.70 to 83.70): VU036608.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036608.D (-1162) (-)

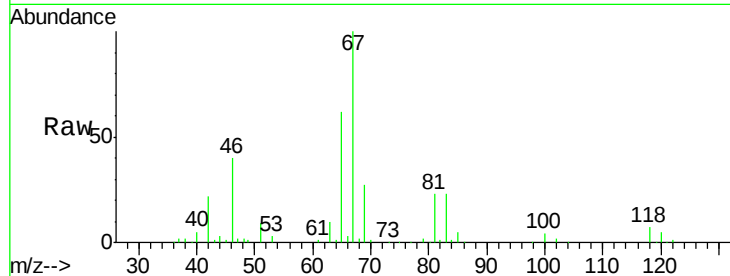




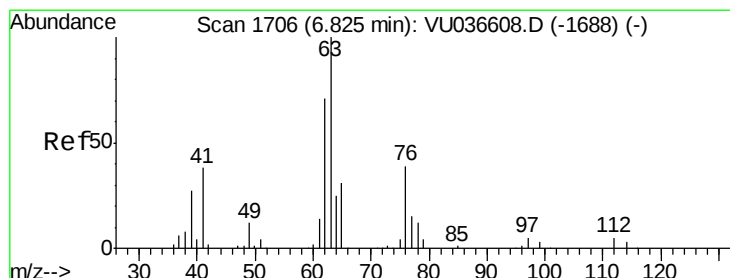
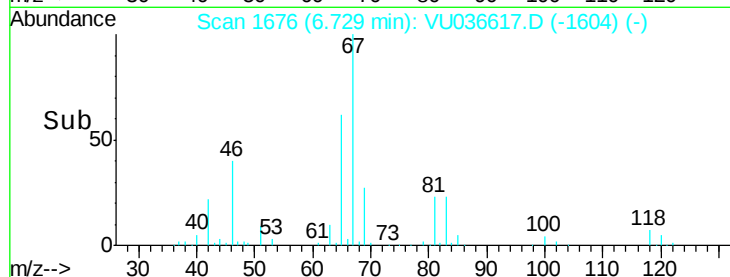
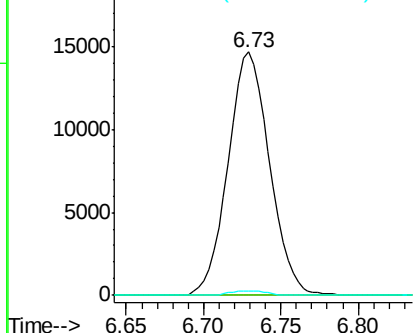
#35
Methylcyclohexane
Concen: 7.65 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036617.D
Acq: 30 Jan 2020 14:25

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 27346
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 1.5 37.5 56.3#

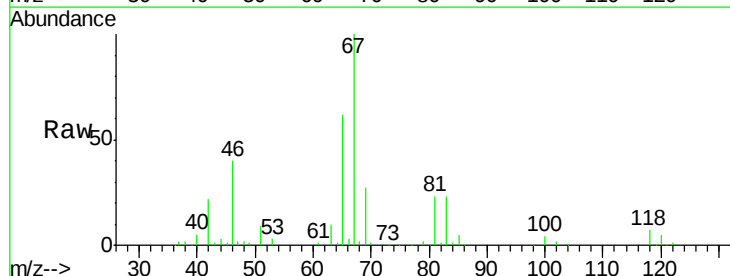


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

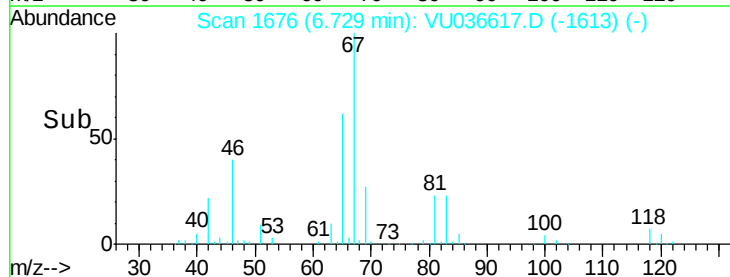
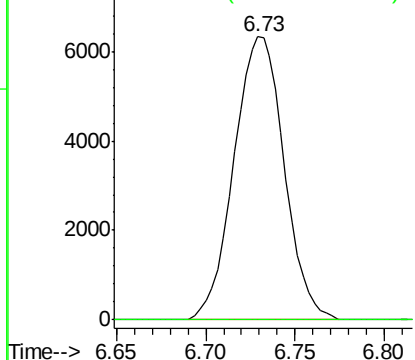


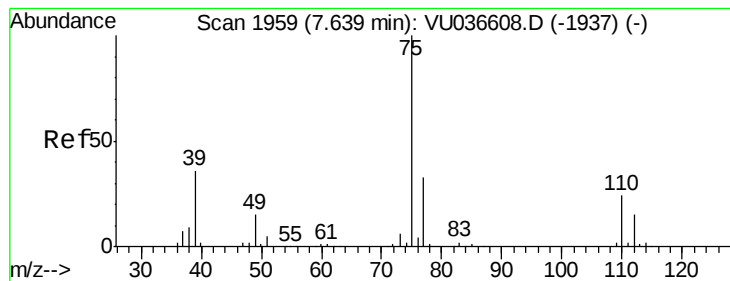
#37
1,2-Dichloropropane
Concen: 5.84 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036617.D
Acq: 30 Jan 2020 14:25

Tgt Ion: 63 Resp: 12374
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.89 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036617.D

Acq: 30 Jan 2020 14:25

Instrument :

MSVOA_U

ClientSampleId :

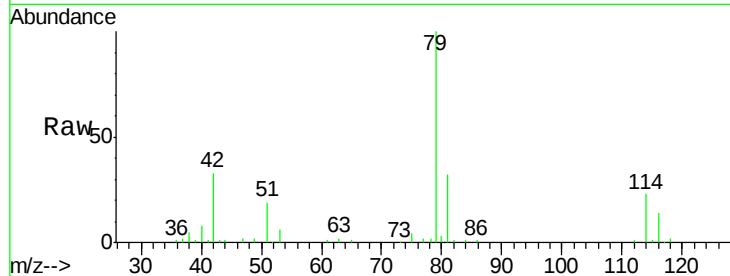
VHBLK02

Tgt Ion: 75 Resp: 3043

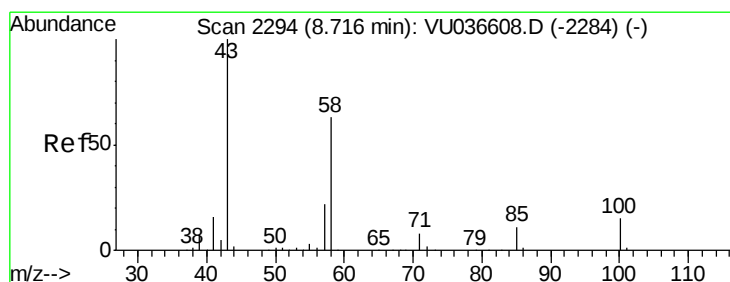
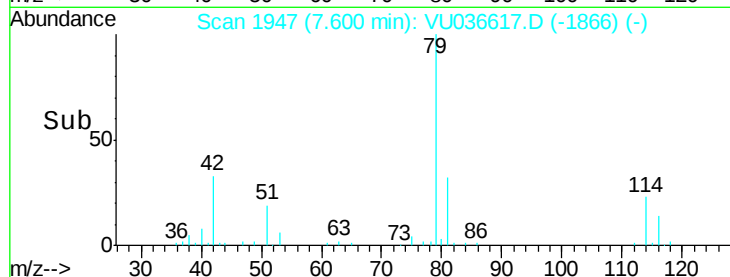
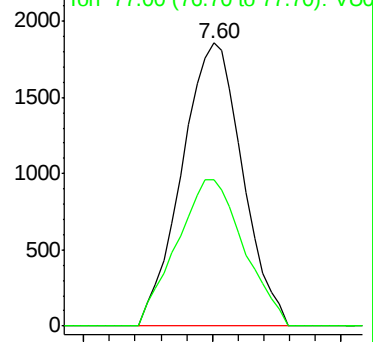
Ion Ratio Lower Upper

75 100

77 51.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU036617.D (-1866) (-)



#48

2-Hexanone

Concen: 5.68 ug/L

RT: 8.67 min Scan# 2279

Delta R.T. -0.05 min

Lab File: VU036617.D

Acq: 30 Jan 2020 14:25

Tgt Ion: 43 Resp: 11619

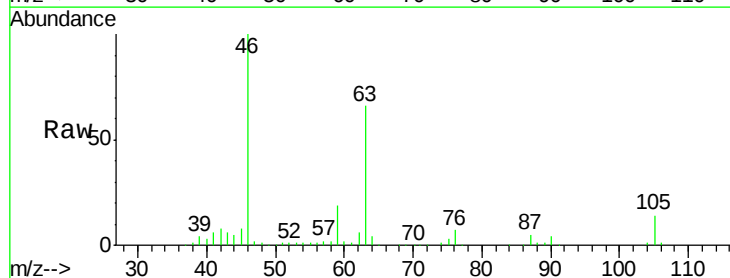
Ion Ratio Lower Upper

43 100

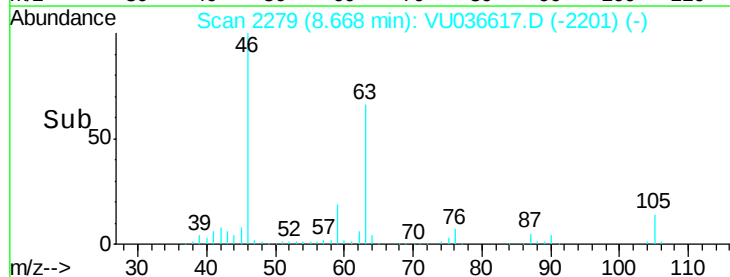
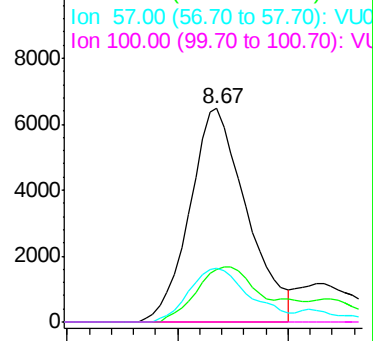
58 26.8 49.4 74.0#

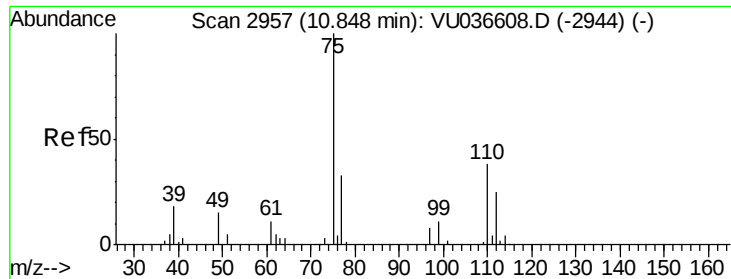
57 26.6 17.1 25.7#

100 0.0 11.9 17.9#



Abundance Ion 43.00 (42.70 to 43.70): VU036617.D (-2201) (-)

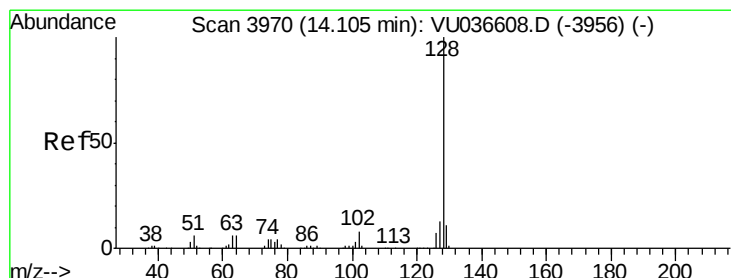
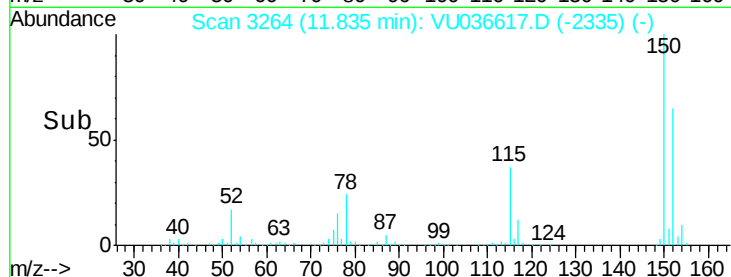
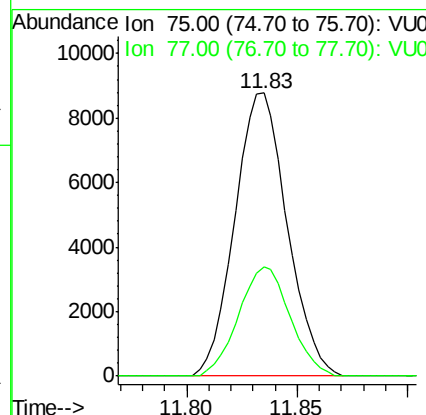
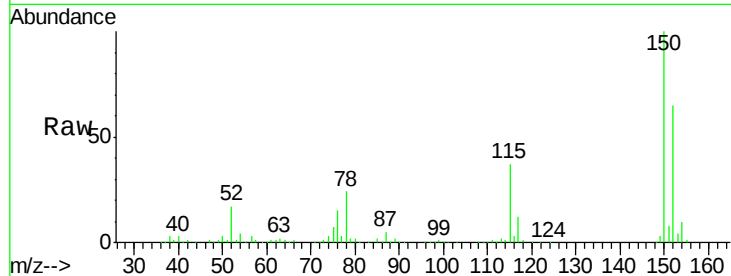




#59
 1,2,3-Trichloropropane
 Concen: 5.05 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036617.D
 Acq: 30 Jan 2020 14:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 75 Resp: 14459
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.2 39.2



#69
 Naphthalene
 Concen: 0.79 ug/L
 RT: 14.11 min Scan# 3971
 Delta R.T. 0.00 min
 Lab File: VU036617.D
 Acq: 30 Jan 2020 14:25

Tgt Ion: 128 Resp: 4918
 Ion Ratio Lower Upper
 128 100
 127 11.3 10.6 15.8
 129 9.9 8.6 12.8

